



US Army Corps
Of Engineers
Wilmington District

PUBLIC NOTICE

Issue Date: March 03, 2008
Comment Deadline: April 02, 2008
Corps Action ID #: SAW 2008 00639

The Wilmington District, Corps of Engineers (Corps) has received an application from the Smith-Reynolds Airport Commission seeking Department of the Army (DA) authorization to impact approximately 1.688 linear feet of stream channels (1.547 linear feet of important stream channel and 141 linear feet of un-important stream channel) and 0.048 acre of wetlands of the jurisdictional waters of tributaries of Brushy Fork associated with Federal Aviation Administration (FAA) standards required existing runway 33 safety improvements including a runway safety area (RSA), improvements to the existing Medium Intensity Approach Light System (MALSR), and construction of an Engineered Material Arresting System (EMAS) located at the existing Smith-Reynolds Airport facility off of North Liberty Street, in Winston-Salem, Forsyth County, North Carolina.

Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at www.saw.usace.army.mil/wetlands

Applicant: Mr. Larry Scantlin
Smith-Reynolds Airport Commission
3801 North Liberty Street
Winston-Salem, NC 27105

Agent: Mr. Chris Daves
S&ME, Inc.
134 Suber Road
Columbia, SC 29210

Authority

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures of Section 404 of the Clean Water Act.

Location

The proposed project site is located on the southern end of the existing runway 33 of the Smith-Reynolds Airport facilities adjacent to North Liberty Street, in Winston-Salem, Forsyth County, North Carolina. Coordinates (in decimal degrees) for the site are 36.1220 North, -80.2119 West. The site is adjacent to tributaries of Brushy Fork in the Yadkin River Basin (8-Digit Cataloging Unit 03040101).

Existing Site Conditions

General land use in the vicinity of the project site is the existing airport operation facilities. The surrounding high ground is open with scrub vegetation located around the two small stream channels. Two jurisdictional streams are present within the project site's boundaries, both tributaries of Brushy Fork. The stream channels have been degraded by the surrounding airport operations. There are also two small wetland seeps (0.008 acre & 0.04 acre) associated / adjacent to these tributaries. They both support scrub vegetation and also have been degraded by the surrounding airport operations.

Applicant's Stated Purpose

As stated by the applicant, the purpose of the project is for the applicant to construct facilities that comply with Federal Aviation Administration (FAA) standards for required existing runway 33 safety improvements including a runway safety area (RSA), improvements to the existing Medium Intensity Approach Light System (MALSR), and construction of an Engineered Material Arresting System (EMAS) located at the existing Smith-Reynolds Airport facility off of North Liberty Street, in Winston-Salem, Forsyth County, North Carolina.

Project Description

As a result of unintended aircraft overruns (travel beyond available runway length) of departing and arriving aircraft on runways nationwide, and loss of life associated with those overruns, Federal Order 5200.8 was issued by the United States Congress in 1999. This order requires that all certificated airports in the United States provide a runway safety area (RSA) that meets FAA standards for the designated service category of each runway on the airport. In the case of Runway 33 at Smith-Reynolds Airport, a RSA 300 feet wide and 400 feet long is required at the end of the runway. To be included with the RSA, the runway is required to have a 350 foot Engineered Material Arresting System (EMAS) bed to arrest critical aircraft at 70 knots. The purpose of the proposed work is to address FAA RSA requirements while maintaining runway lengths and operational capabilities. Also included in the safety improvements for the runway is modification / upgrades to the existing Medium Intensity Approach Light System (MALSR).

The proposed project to provide for a standard RSA meeting FAA design requirements will include the relocation of 1,547 linear feet of stream channel into an excavated channel that would also impact 0.048 acre of wetlands and 141 linear feet of stream channel located in the new excavated channel. The project would result in permanent unavoidable impacts to approximately 1,688 linear feet of stream channels (1,547 linear feet of important stream channel and 141 linear feet of un-important stream channel) and 0.048 acre of wetlands of the jurisdictional waters of tributaries of Brushy Fork.

The applicant proposes to mitigate for permanent impacts to jurisdictional waters by payment to the North Carolina Ecosystem Enhancement Program (EEP). By letter dated January 30, 2008, the EEP stated their willingness to accept payment and provide up to 1,700 linear feet of warm water stream channel mitigation (2 to 1 ratio of 3,400 linear feet of credits) and 0.25 acre of riparian wetland mitigation (2 to 1 ratio of 0.50 acres) in the Yadkin Basin (8-Digit Cataloging Unit 03040101).

Other Required Authorizations

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice combined with the appropriate application fee at the NCDWQ Central Office in Raleigh will constitute initial receipt of an application for a 401 Water Quality Certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 1650 Mail Service Center, Raleigh, North Carolina 27699-1650 Attention: Ms Cyndi Karoly by March 26, 2008.

Essential Fish Habitat

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The Corps' initial determination is that the proposed project will not adversely impact EFH or associated fisheries managed by the South Atlantic or Mid Atlantic Fishery Management Councils or the National Marine Fisheries Service.

Cultural Resources

The Corps has consulted the latest published version of the National Register of Historic Places and is not aware that any registered properties, or properties listed as being eligible for inclusion therein are located within the project area or will be affected by the proposed work. Presently, unknown archeological, scientific, prehistoric, or historical data may be located within the project area and/or could be affected by the proposed work.

Endangered Species

The Corps has reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information, the Corps is not aware of the presence of species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. A final determination on the effects of the proposed project will be made upon additional review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service."

Evaluation

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 11988), land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

Commenting Information

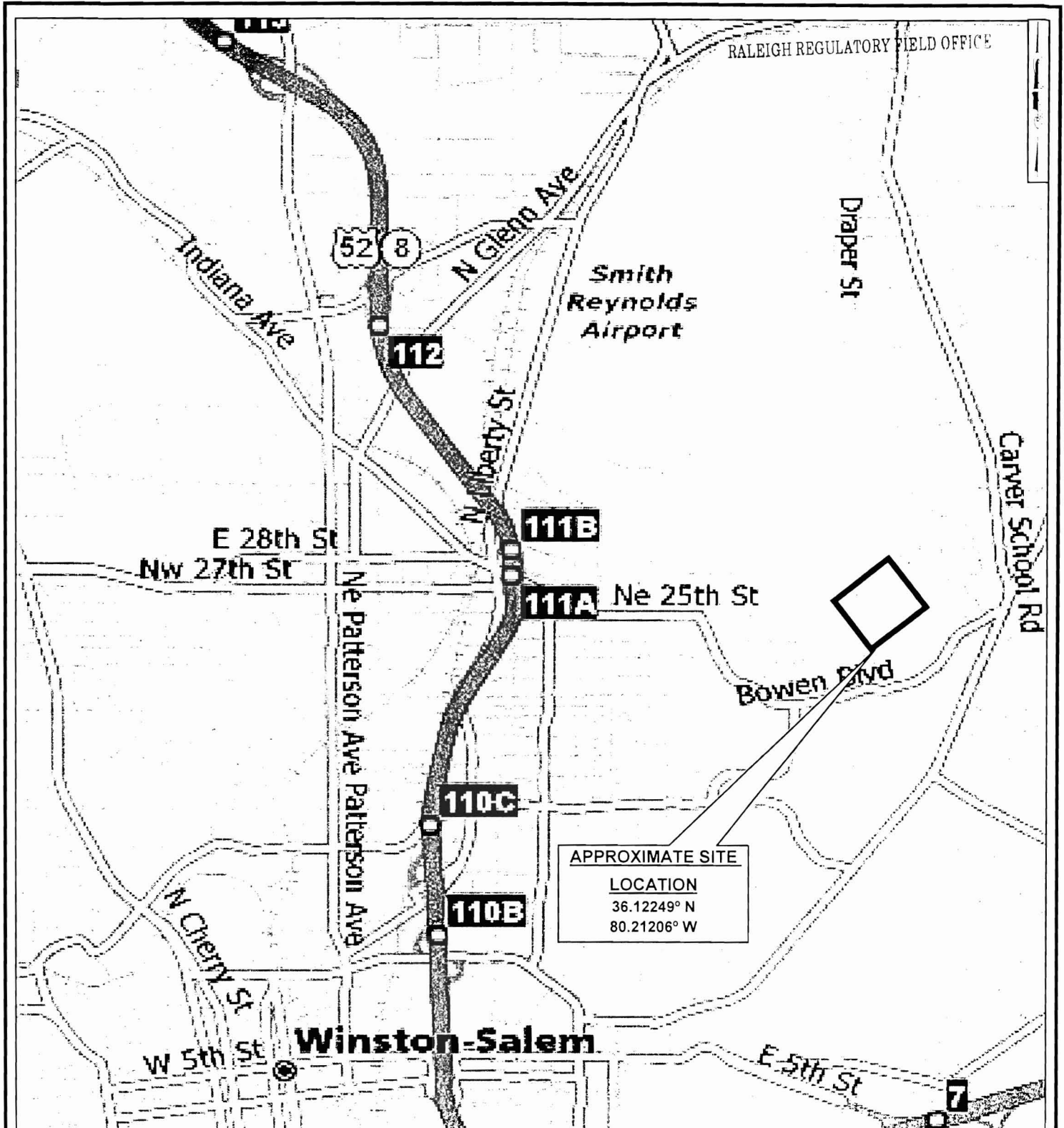
The Corps of Engineers is soliciting comments from the public; Federal, State and local agencies and officials, including any consolidate State Viewpoint or written position of the Governor; Indian Tribes and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5pm, April 02, 2008. Comments should be submitted to John Thomas, Raleigh Regulatory Field Office, 3331 Heritage Trade Drive, Suite 105, Wake Forest, NC 27587.

RECEIVED

FEB 21 2008



SOURCE: WWW.MAPQUEST.COM

SCALE:	NTS
CHECKED BY:	LJB
DRAWN BY:	WCD
DATE:	2/11/2008



SITE VICINITY MAP
SMITH-REYNOLDS AIRPORT
RUNWAY SAFETY AREA EXTENSION PROJECT
WINSTON-SALEM, FORSYTH COUNTY, NC

S&ME PROJECT NO. 1614-07-362

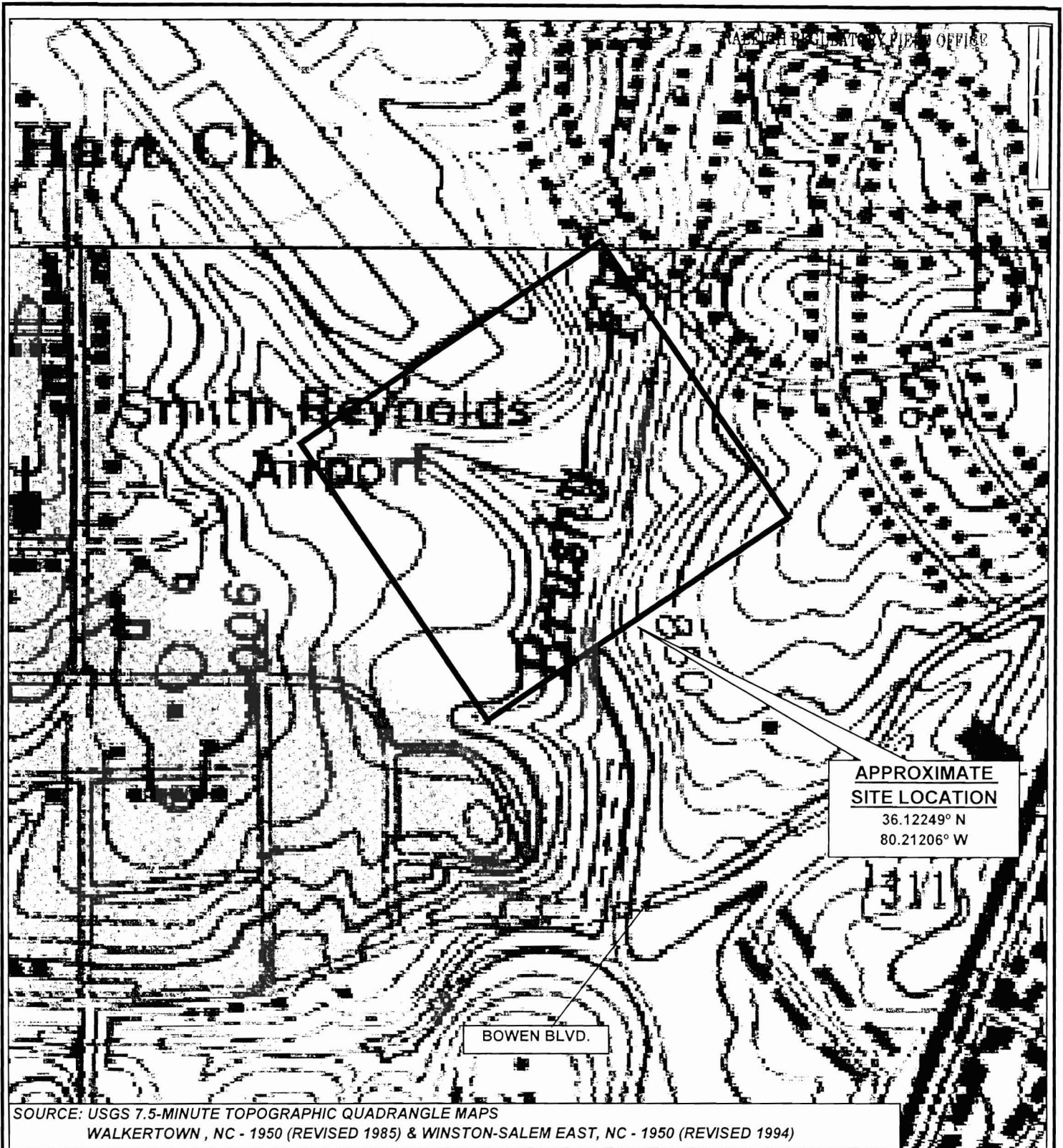
FIGURE NO

1

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FEB 21 2008



SCALE: NTS
CHECKED BY: LJB
DRAWN BY: WCD
DATE: 2/11/2008

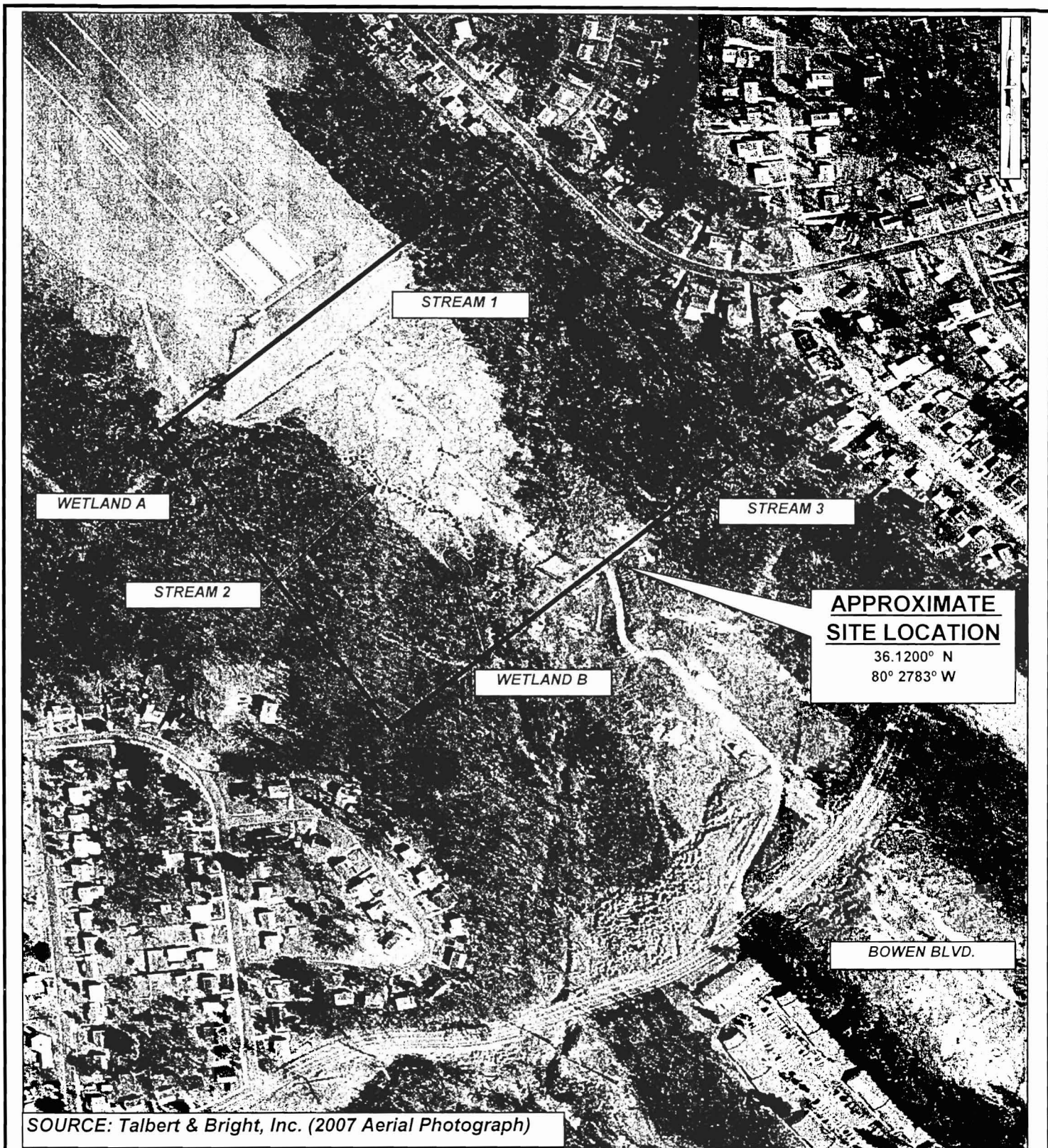


TOPOGRAPHIC MAP
SMITH-REYNOLDS AIRPORT
RUNWAY SAFETY AREA EXTENSION PROJECT
WINSTON-SALEM, FORSYTH COUNTY, NC
S&ME PROJECT NO. 1614-07-362

FIGURE NO

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SCALE
CHECKED BY: NTS
DRAWN BY: LJB
DATE: WCD
2/11/2008



EXISTING SITE CONDITIONS
SMITH-REYNOLDS AIRPORT
RUNWAY SAFETY AREA EXTENSION PROJECT
WINSTON-SALEM, FORSYTH COUNTY, NC
S&ME PROJECT NO. 1614-07-362

FIGURE NO

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RALEIGH REGULATORY FIELD OFFICE



STREAM 1
IMPACT
782 LF ±

STREAM 3
IMPACT
141 LF ±

LIMITS OF
DISTURBANCE
(TYP.)

100' 50' 0' 100'

GRAPHIC SCALE IN FEET

\\P:\PROJECTS\Aviation\2007\2007-130-01-Smith Reynolds Airport Extension-CL\Drawings\Exhibits\SME-STREAM RELOCATION.dwg, 2/2/2008 3:16:01 PM, 1:1



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FAX: (704) 954-9002

STREAM 1 IMPACTS - PLAN VIEW

SMITH-REYNOLDS AIRPORT

RUNWAY SAFETY AREA EXTENSION PROJECT

FORSYTH COUNTY, NORTH CAROLINA

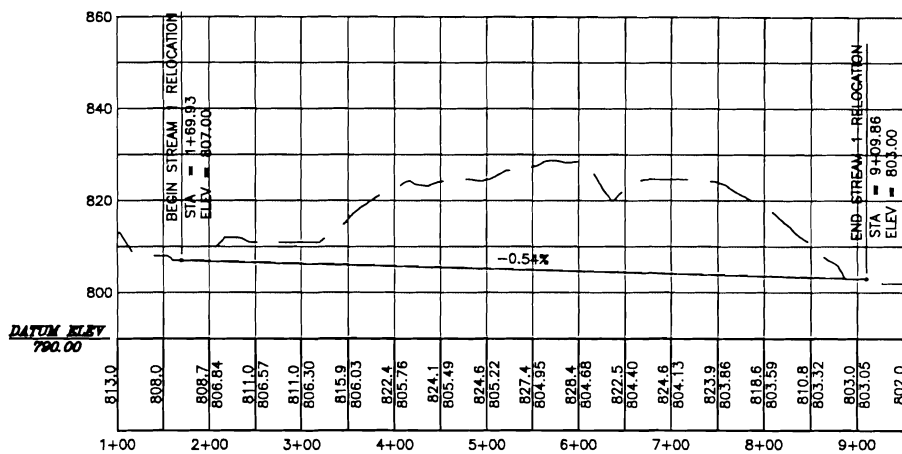
4

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STREAM PROFILE

200' 100' 0' 200'



GRAPHIC SCALE IN FEET

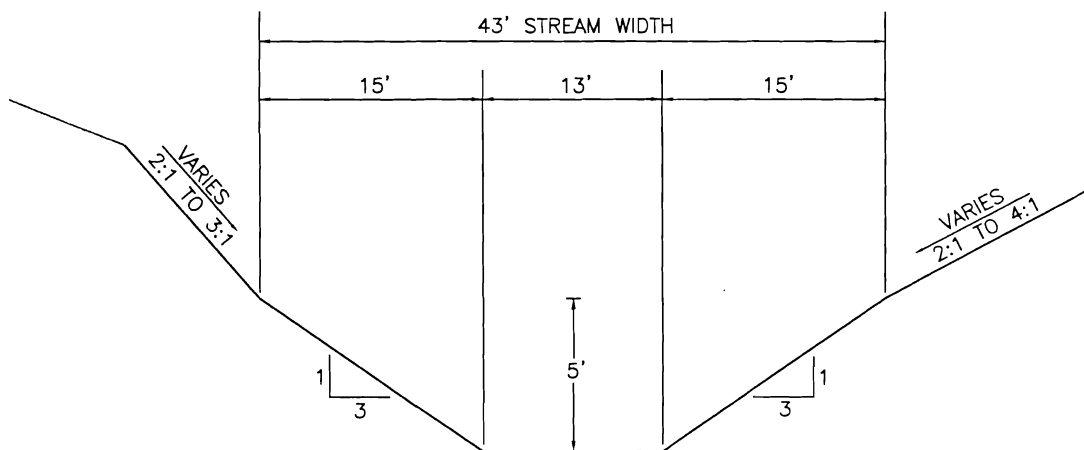
(HORIZONTAL)

40' 20' 0' 40'



GRAPHIC SCALE IN FEET

(VERTICAL)



TYPICAL SECTION

NTS



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STREAM 1 IMPACTS - PROFILE & TYP. SECTION

SMITH-REYNOLDS AIRPORT

RUNWAY SAFETY AREA EXTENSION PROJECT

FORSYTH COUNTY, NORTH CAROLINA

DATE: 2-1-08

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FIGURE NUMBER

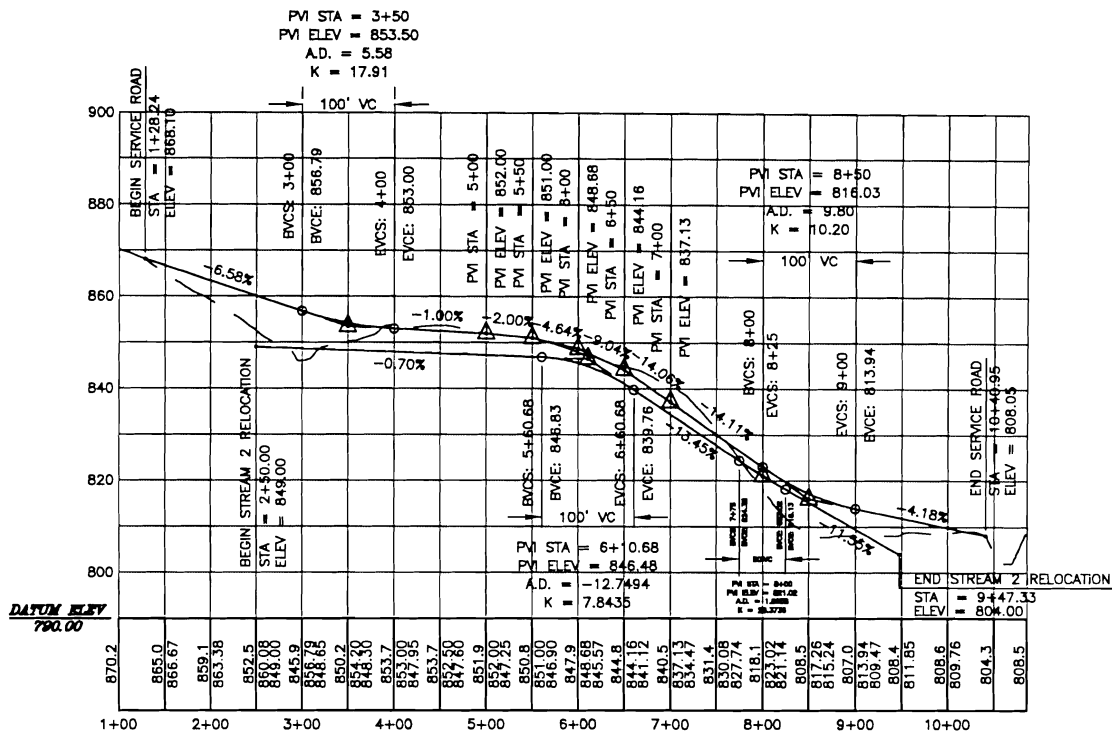
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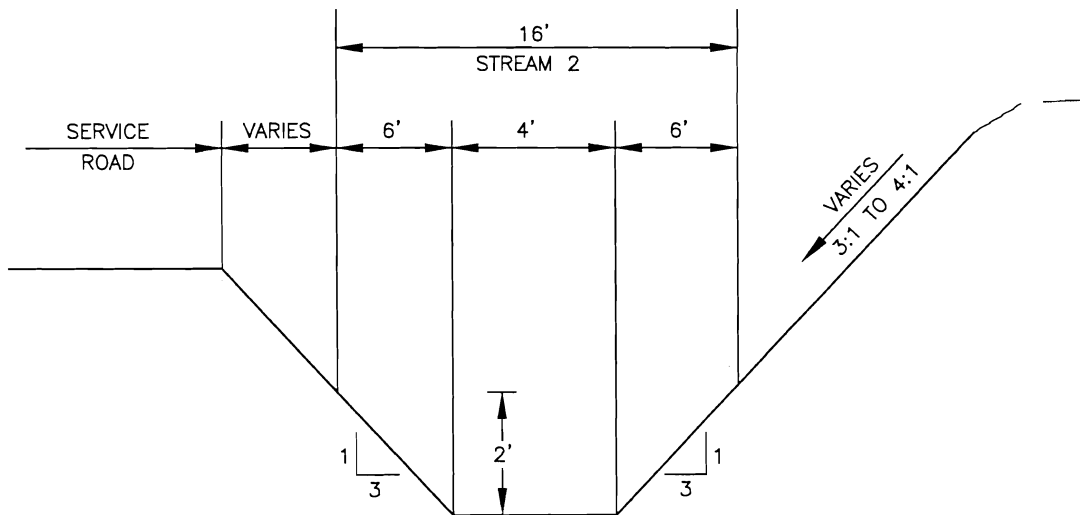
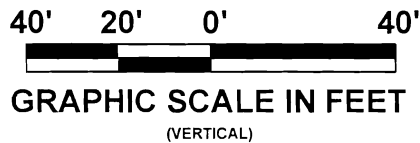
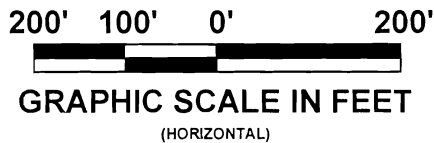
SMITH-REYNOLDS AIRPORT
RUNWAY SAFETY AREA EXTENSION PROJECT
FORSYTH COUNTY, NORTH CAROLINA

FIGURE NUMBER

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STREAM PROFILE



TYPICAL SECTION

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STREAM 2 IMPACTS - PROFILE & TYP. SECTION

SMITH-REYNOLDS AIRPORT
 RUNWAY SAFETY AREA EXTENSION PROJECT
 FORSYTH COUNTY, NORTH CAROLINA

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January 30, 2008

Larry Scantlin
Smith-Reynolds Airport Commission
3801 North Liberty St
Winston-Salem, NC 27105

Expiration of Acceptance: July 30, 2008

Project: **Smith Reynolds Airport Runway Safety Area Ext.**

County: **FORSYTH**

The purpose of this letter is to notify you that the North Carolina Ecosystem Enhancement Program (NCEEP) is willing to accept payment for impacts associated with the above referenced project. Please note that this decision does not assure that the payment will be approved by the permit issuing agencies as mitigation for project impacts. It is the responsibility of the applicant to contact these agencies to determine if payment to the NCEEP will be approved.

This acceptance is valid for six months from the date of this letter and is not transferable. **If we have not received a copy of the issued 404 Permit/401 Certification/CAMA permit within this time frame, this acceptance will expire.** It is the applicant's responsibility to send copies of the permits to NCEEP. Once NCEEP receives a copy of the permit(s) an invoice will be issued based on the required mitigation in that permit and payment must be made prior to conducting the authorized work. The amount of the In Lieu Fee to be paid to NCEEP by an applicant is calculated based upon the Fee Schedule and policies listed at www.nceep.net.

Based on the information supplied by you the impacts that may require compensatory mitigation are summarized in the following table.

YADKIN 03040101	Stream (feet)			Wetlands (acres)			Buffer I (Sq. Ft.)	Buffer II (Sq. Ft.)
	Cold	Cool	Warm	Riparian	Non-Riparian	Coastal Marsh		
Impacts	0	0	1,700	0.25	0	0	0	0
Credits	0	0	3,400	0.50	0	0	0	0

Upon receipt of payment, EEP will take responsibility for providing the compensatory mitigation. If the regulatory agencies require mitigation credits greater than indicated above, and the applicant wants NCEEP to be responsible for the additional mitigation, the applicant will need to submit a mitigation request to NCEEP for approval prior to permit issuance. The mitigation will be performed in accordance with the Memorandum of Understanding between the N. C. Department of Environment and Natural Resources and the U. S. Army Corps of Engineers dated November 4, 1998.

If you have any questions or need additional information, please contact Kelly Williams at (919) 716-1921.

Sincerely,

William D. Gilmore, PE
Director

cc: Cyndi Karoly, NCDWQ Wetlands/401 Unit
John Thomas, USACE-Raleigh
Sue Homewood, NCDWQ-Winston-Salem
Chris Daves, agent
File

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Restoring... Enhancing... Protecting Our State

